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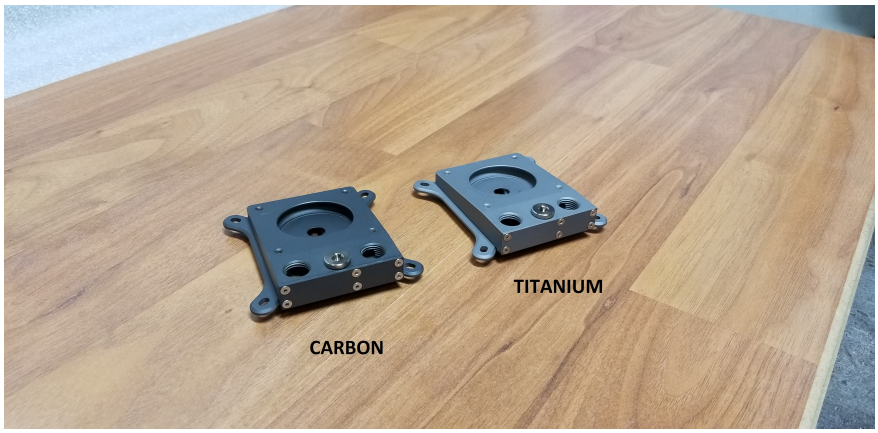
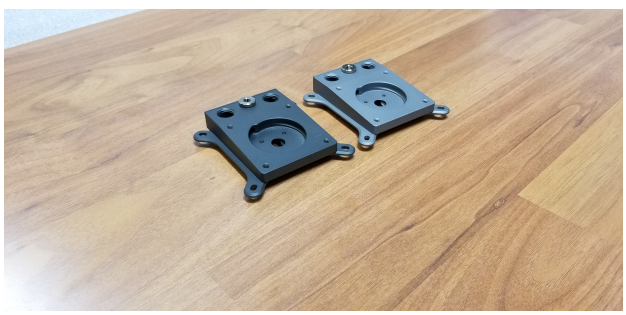
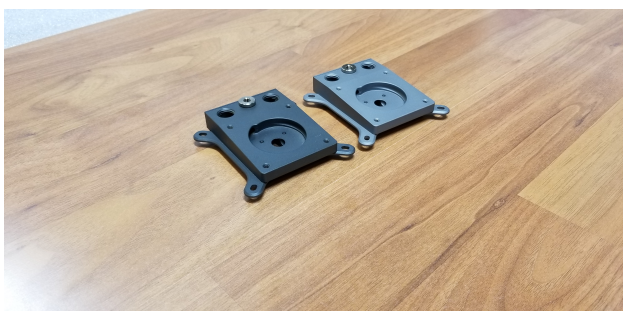
Modultra LOBO DDC CPU Pump Block AMD (E250) Titanium

$160.00

Product Images

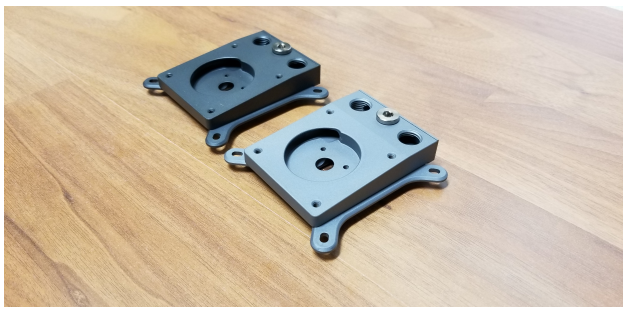












Short Description

The Modultra LOBO (low boy) is a CNC machined low profile solid brass and copper CPU water block designed for direct attachment of a Laing DDC pump, or clone (pump sold separately). The LOBO uses optimized flow paths for superior pumping efficiency, and does all this in a low profile form factor.

Heatsink is *NOT* included

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socket. No thermal paste is supplied with this product.

Heatsink is *NOT* included

Features

LOBO Coating:

The LOBO uses Cerakote Elite series coatings for their pleasing appearance and superior corrosion resistance. Cerakote is not a cheap finish but has been shown to be one of the best available. Cerakote is applied to the mounting brackets, cover plate, pump body and heatsink. Our cold plate is natural copper.

Cold Plate:

The LOBO cold plate is made from C110 copper and measures 58mm x 58mm, with a total of 58 3D machined micro channels.

Pump Cooling:

The LOBO in conjunction with a Modultra heatsink has been shown during testing to decrease DDC pump temperatures by more than 45 degrees C. This is a function of the LOBO's solid brass body and heatsink conduction paths into the body. Because the body is solid brass, and the pump is sandwiched between the body and the aluminum heat sink, heat flows from the pump into the loop coolant. This means that your DDC pump will live a much longer life due to decreased operational temperatures. Estimated heat load addition to the loop coolant should be between 6-10 watts, depending on your pump load. Loop temperature increase will depend on loop size and radiator configuration but is estimated at 1-2 degrees water temperature. We at Modultra think that a 1-2 degree increase in water temperature is a small price to pay for a 45 degree temperature reduction in your DDC pump.

Socket Retention:

The LOBO Intel socket uses a beefy 12 gage steel rear mounting plate to eliminate any motherboard pcb loading. Pcb loading can cause bending of the mother board and cause failure of component solder joints. A rigid rear plate means all of the mounting spring force goes into the cpu/cold plate junction; this promotes heat transfer by increasing contact force. Beware of plastic rear plates, they do not provide adequate rigidity for high retention force sockets.

Plumbing:

The LOBO uses 2x G ¼ ports for in and out flow. There is also one G1/8 fill port that can be used with an extension hose to fill the loop. A G1/8 plug is included with purchase. No other fittings are included.

Heatsink is *NOT* included

Additional Information

Brand	Modultra
SKU	MU-MPBO-250-AMD-SCK
Weight	3.0000
Color	Titanium Gray
Pump Type	DDC
Material	Brass, Copper